

SOUTH PRODUCTION NOTES

February 24, 2014
Midnight Shift

BASF EMPLOYEES
16 Last Recordable
238 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

#1 MED Si-1624: Continue batches, and check MOD for any changes. Roller bar was installed either Sat afternoon or Sun morning to help break-up extrusions.

Day shift: Continue batches, seeing less large pieces going through granulator due to addition of roller bar on the dryer.

Afternoon Shift: Continued to run.

Midnight shift:

#1 RC / Si-1624: All reefed has been completed and the temperature has been raised by 100 degrees. Check the granulator (6 mesh) for tears in the mesh screen – this will give you long extrusions. Remember the over-size on the screener is a 5 mesh - watch for excessive fines we may need to scale down to a 4 mesh.

Day shift: Continue

Afternoon Shift: Continued on. Trying to tweak temperatures up.

Midnight shift:

Exhaust to F-1

#2 MED line/ X 052 next: Rinsing dryer for X-052, will walk through with engineer Monday for final inspection and any last minute cleaning needs

Day Shift: No activity

Afternoon Shift: No activity.

Midnight shift:

#2 RC/ Cu-0860 next: The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

Day shift: No activity

Afternoon shift: No activity.

Midnight shift:

#3 MED line / D-1798: Continue on, keep adding ¼ drum wet mix to each batch. Do not add more than ¼ drum per Bill Grodecki. **REMEMBER, we are using beta zeolite up on the third floor.**

Day shift: Continue, keep feeding the wet mix ¼ drum per batch. As follow-up to Sat afternoon shift reporting possible NOx detection from dryer and/or DC area...meter placed near dryer/calcliner on 1st floor and near feed hopper 2nd floor...no detection of NOx during shift.

Afternoon Shift: Continued to run and add wet mix.

Midnight Shift:

#3 RC/ D-1798 NAQ: Continue on.

Day shift: Continue on. As follow-up to Sat afternoon shift reporting possible NOx detection from dryer and/or DC area...meter placed near dryer/calcliner on 1st floor and near feed hopper 2nd floor...no detection of NOx during shift.

Afternoon Shift: Continued to run.

Midnight shift:

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: All Lot 5 material has been used.

Day Shift: On hold

Afternoon Shift: On hold.

Midnight shift: On hold.

Tank 7 / AMT for D-1799 NAQ: Currently empty (has some water in it to recycle and flush outlet valve)

Day shift: Shut down recycle...looking to remove section of braided SS spool piece from 7 tank pump lines and install at 6 tank so Vanadium batches can continue. Waiting for maintenance to assist.

Afternoon Shift: Did not change braided spool to it also being in bad shape.

Midnight shift:

New Pfaudler / V-2045 next: Lucas replaced valve with straight line in order to be able to operate toting off station. However, section of braided line on pump discharge ruptured while attempting to pump on midnight shift. Down until section can be replaced. Spool was not replaced due to the spool on tank 7 also being in bad shape.

When restarting, use three (3) bags @ 1000 lb when dropping material from Pfaudler.

Day shift: Waiting for maintenance to arrive in order to remove section of braided SS spool piece from 7 tank and install on 6 tank. Also, may need to open up and clean-out additional sections of piping on 6 tank pump discharge to ensure open to tote arm. As of 12:45 pm Sunday, no available maintenance.

Afternoon Shift: Spool was not replaced due to the spool on tank 7 also being in bad shape.

Midnight shift:

Tank 6 / V-2045 solution: Actuator does not need to be replaced however the valve itself will. See picture below. Contractor replaced the ball valve with a straight line in order to be able to continue with the impregnations. We did find some large chunks of material when the valve was removed.



Notice the twist on the stem of the ball valve. The entire shaft is stripped which is why the valve wasn't closing or opening all the way.

Day shift: Waiting for maintenance to arrive in order to remove section of braided SS spool piece from 7 tank and install on 6 tank. Also, may need to open up and clean-out additional sections of piping on 6 tank pump discharge to ensure open to tote arm. As of 12:45 pm Sunday, no available maintenance.

Afternoon Shift: Spool was not replaced due to the spool on tank 7 also being in bad shape.

Midnight shift:

National Dryer / : Schirmer has finished the soda blasting.

Day shift: Still need to evaluate status with engineer.

Afternoon shift: No change.

Midnight shift: No change.

#4 RC / 5202: 5202 will be brought to the site next week (Monday) and when we start we will make several early drums and use for flush on #4 calciner. Make sure thermowell is cleaned off before this happens.

Day shift: No activity

Afternoon Shift: No change.

Midnight shift: No activity.

Exhaust to Trimer

PK Blender / 1520 done, Oxy next: Wash down started Saturday, finishing Sunday in preparation for OxyVinyl Catoxid.

Day shift: Final cleaning of entire building, removal of excess haz drums.

Afternoon Shift: No change. Inside of PK blender lining look bad.

Midnight shift:

HC-11 Tanks – CU-5020 Strikes: Back up and running since 4:30 PM Sunday.

Day shift: Hold...see above

Afternoon Shift: Copper belt fixed and have been running since 4:30.

Midnight Shift:

#5 RC / OxyVinyl Catoxid: Continue. NOTE: we are now keeping bag house temps around 105 degrees, and will need to maintain enough suction to keep dusting down.

Remember to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).

Day shift: Continue...keep an eye on temps and dusting out of calciner discharge.

Maintain sufficient suction on calciner, and plan to change HEPA approx. once per day.

HEPA was changed Sunday morning prior to day shift.

Afternoon shift: Continued on running. Hepa pd @ 5.5 as of late 2nd shift.

Midnight shift:

Exhaust to 5DC when feeding

Tower 3 / Ni-2460 : Tower was loaded and is fired up.

Day shift: Repairs made to compressor oiler belt. Bill Grodecki was onsite to load recipe, but it would not save. Kirk Sullenberger provided step-by-step instructions for loading/saving recipe...Grodecki on way back to plant to try again.

Afternoon shift: After maintenance was performed and Grodecki was able to load the recipe, tower was fired up and is running. Had to put oiler belt back on again.

Midnight Shift:

Tower 6 / Cu-1986: Tower unloaded and reloaded with Cu 1986. Had to refit oiler belt again.

Day shift: Repairs made to compressor oiler belt, now trying to light jacket heater. Don Clark assisting...not fixed as of 12:00 noon.

Afternoon shift: Had to borrow Honeywell flame controller from #4RC in order to get tower running.

Midnight Shift:

North Screener / Cu 1230: Continue

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift:

South Screener / Cu 1986: Continue

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift:

Harrop Kiln - Al-3921 T 3/16: Down... saggars have been removed, screener parts at TK#2

Day shift:

Afternoon Shift:

Midnight Shift:

#6 - RC / D-0756: Down

Day Shift: Down

Afternoon shift:

Midnight shift: Down.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Saggars have been switched to Vanadium saggars.

Day shift: Holding temps at 200.

Afternoon Shift: no change

Midnight shift: no change

Tunnel Kiln #4 / Cu-0540 done: HOLD

Day shift:

Afternoon Shift: no change

Midnight shift: no change

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Priorities items that require call out:

Safety and Environmental (if not able to put in a safe temporary manner)
Towers (and screening if it holds up the towers)
Cu-5020 Strikes
5 RC
D-1798 extrusion
Pfaudler V-2045

Items that do not require call out:

Si-1624
PK blender finish 1520 then Catoxid wrap up
4 Rc prep for D 5202
2 Line prep for X 052 trial

To do list:

Operator PM's

Weekend Info From Greg Hebb:

- *For the weekend Hi-Sil is in shipping and the Volclay is in the rail shed.**
- *Siral 30 is in the rail shed.**
- *Ambosol the first 2 lots and soda ash are both in shipping.**
- *All of the 7005 base is in building 9. I am not sure which will run out first the base or the solution.**
- *D 1798 from #3 calciner need to go to the 3rd floor.**
- *Si-1624 lot EL00616 will be in our dock if you need to rework it.**
- *After the 2 trucks are empty there are more of the black drums with white lids in the rail shed.**